

What is claimed is:

1. A compound 8 to 50 nucleobases in length targeted to a nucleic acid molecule encoding ABC transporter MHC 1, wherein said compound specifically hybridizes with said nucleic acid molecule encoding ABC transporter MHC 1 and inhibits the expression of ABC transporter MHC 1.

2. The compound of claim 1 which is an antisense oligonucleotide.

3. The compound of claim 2 wherein the antisense oligonucleotide has a sequence comprising SEQ ID NO: 10, 11, 12, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 39, 40, 41, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 63, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 77, 78, 79, 80, 81, 82, 83, 84, 86 or 87.

4. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified internucleoside linkage.

5. The compound of claim 4 wherein the modified internucleoside linkage is a phosphorothioate linkage.

6. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified sugar moiety.

7. The compound of claim 6 wherein the modified sugar moiety is a 2'-O-methoxyethyl sugar moiety.

8. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified nucleobase.

9. The compound of claim 8 wherein the modified nucleobase is a 5-methylcytosine.

10. The compound of claim 2 wherein the antisense oligonucleotide is a chimeric oligonucleotide.

11. A compound 8 to 50 nucleobases in length which specifically hybridizes with at least an 8-nucleobase portion of an active site on a nucleic acid molecule encoding ABC transporter MHC 1.

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12. A composition comprising the compound of claim 1 and a pharmaceutically acceptable carrier or diluent.

13. The composition of claim 12 further comprising a colloidal dispersion system.

14. The composition of claim 12 wherein the compound is an antisense oligonucleotide.

15. A method of inhibiting the expression of ABC transporter MHC 1 in cells or tissues comprising contacting said cells or tissues with the compound of claim 1 so that expression of ABC transporter MHC 1 is inhibited.

16. A method of treating an animal having a disease or condition associated with ABC transporter MHC 1 comprising administering to said animal a therapeutically or prophylactically effective amount of the compound of claim 1 so that expression of ABC transporter MHC 1 is inhibited.

17. The method of claim 16 wherein the disease or condition is a hyperproliferative disorder.

18. The method of claim 16 wherein the disease or condition is an autoimmune disorder.

19. The compound of claim 1 targeted to a nucleic acid molecule encoding ABC transporter MHC 1, wherein said compound specifically hybridizes with and differentially inhibits the expression of one of the variants of ABC transporter MHC 1 relative to the remaining variants of ABC transporter MHC 1.

20. The compound of claim 19 targeted to a nucleic acid molecule encoding ABC transporter MHC 1, wherein said compound hybridizes with and specifically inhibits the expression of a variant of ABC transporter MHC 1, wherein said variant is selected from the group consisting of ABC transporter MHC 1, ABC transporter MHC 1-B, ABC transporter MHC 1-C, ABC transporter MHC 1-D and ABC transporter MHC 1-E.

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